

# Converting Colors

Decimal(2350252)

Have a look what the booklet for  
Decimal(2350252) contains.

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# Color

**Decimal(2350252)**

# Conversions

## Conversions Part 1

Format	Color
Hex	23DCAC
RGB	35, 220, 172
RGB Percent	14%, 86%, 67%
CMY	0.8627, 0.1373, 0.3255
CMYK	0.84, 0.00, 0.22, 0.14
HSL	164°, 73%, 50%
HSV	164°, 84%, 86%
XYZ	33.7327, 54.5223, 47.7757
YIQ	159.2130, -94.8520, -54.1480

# Conversions

## Conversions Part 2

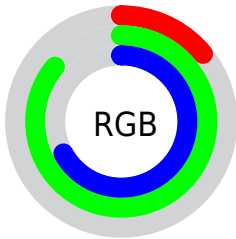
Format	Color
<a href="#">RYB</a>	35, 141, 220
Decimal	2350252
CIELab	78.77, -54.47, 11.41
CIELCh	79, 55.650, 168.168
Yxy	54.5223, 0.2480, 0.4008
Android (android.graphics.Color)	4280540332 (0xFF23DCAC)
YUV	159.2130, 6.3040, -108.9348
Hunter-Lab	73.8392, -47.6726, 13.3254

# Details

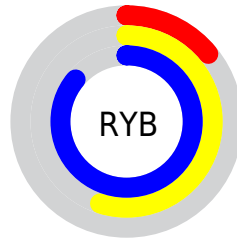
The Decimal color **2350252** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **14426963**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **7667683**, and **42104** is the 20% darker color. If you saturate the color by 10%, you get **908454**, and if you desaturate by 10%, it is **3792050**.

# Distribution



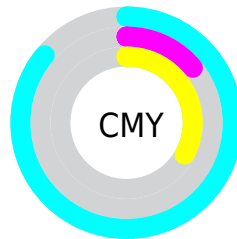
- Red (14%)
- Green (86%)
- Blue (67%)



- Red (14%)
- Yellow (55%)
- Blue (86%)



- Cyan (84%)
- Magenta (0%)
- Yellow (22%)
- Black (14%)



- Cyan (86%)
- Magenta (14%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2350252 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 2350252 by changing the saturation by 10% instead.





2350252



2350252

16777215



49297



7667683



42104



9764863



35167



11796479



28231



13828095



21809



15925247



15388



9474



0



2350252



2350252

■ 908454

■ 3792050

■ 56483

■ 5233847

■ 6675645

■ 8117443

■ 9559241

■ 11001038

■ 12442836

■ 13884634

■ 15326431

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8902267



2350252



56802

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2350252



10862079



16754296

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



2350252



14426963

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16751013



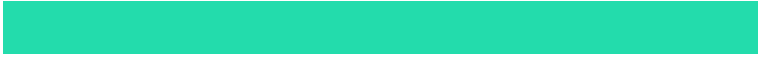
2350252



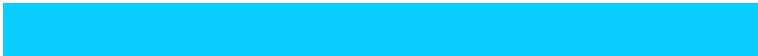
15706623

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2350252



642815



16751322



15972700

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2350252



56319



16751322



16752774

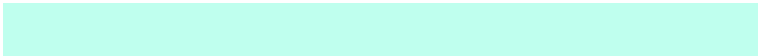


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



2350252



12582894



5561379



5865590



0



8421504



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



2350252



65469



2339292



6516331



44416



11810



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



14426963



16711746



14437923



7234406



11337773

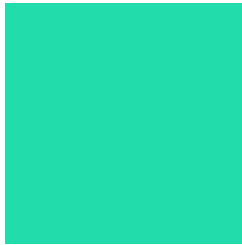


3014668



# Previews

## White Background



This preview shows how the Decimal color 2350252 looks on a white background.

## Color Contrast Check

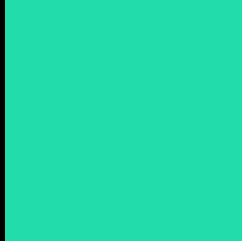
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 2350252 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

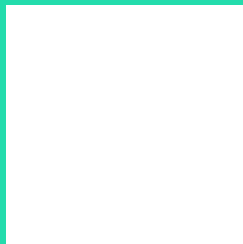
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 2350252 Background



This preview shows how black text looks on a background with the Decimal color 2350252.

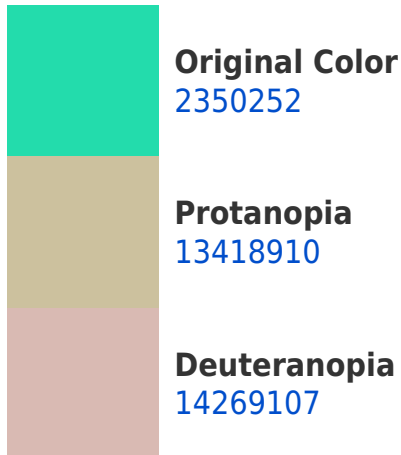


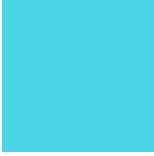
This preview shows how white text looks on a background with the Decimal color 2350252.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





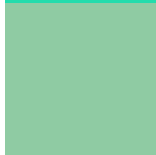
**Tritanopia**  
4969701

# Trichromacy



**Original Color**

2350252



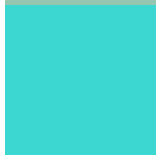
**Protanomaly**

9423779



**Deuteranomaly**

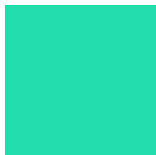
9946800



**Tritanomaly**

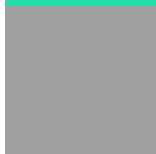
3987408

# Monochromacy



**Original Color**

2350252



**Achromatopsia**

10461087



**Achromatomaly**

7517604

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2350252 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #23DCAC looks like.

```
.text, #text, p{  
  color:#23DCAC  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #23DCAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23DCAC
}
```

## Border

The CSS property to change the border of an element to Decimal 2350252 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#23DCAC }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#23DCAC }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #23DCAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23DCAC; -webkit-box-shadow:4px 4px  
4px 4px #23DCAC; box-shadow:4px 4px 4px  
4px #23DCAC }
```

# Background

The CSS property to change the background color of an element to Decimal 2350252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23DCAC }
```

If only the background color should be changed can be used:

```
.background{ background-color:#23DCAC }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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